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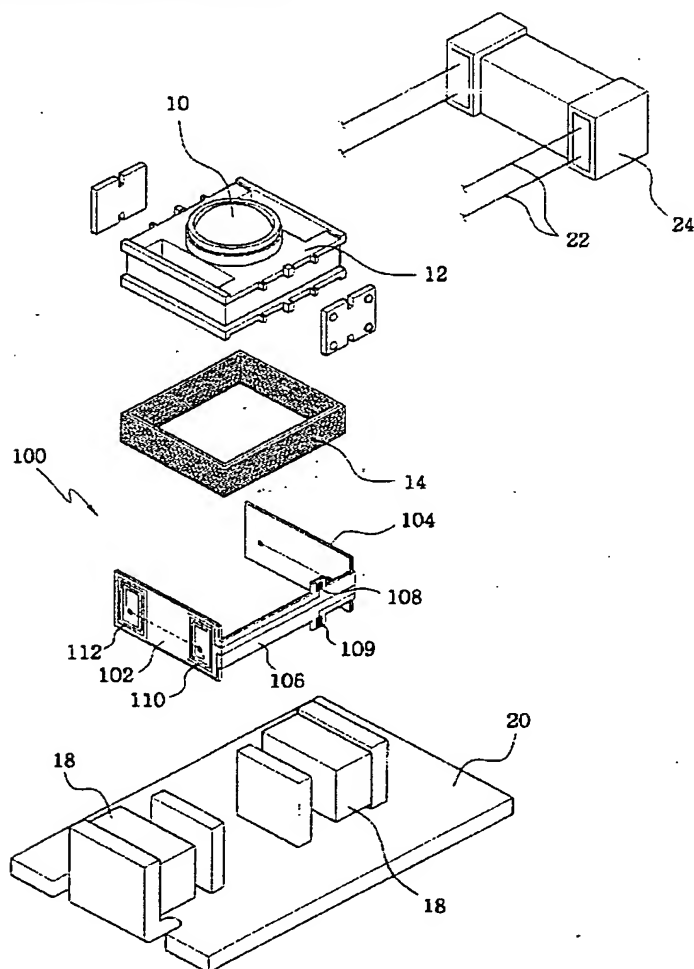
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(30) Priority:

(54) Title of Invention

OPTICAL PICKUP ACTUATOR

Representative drawing



(57) Abstract:

PURPOSE: An optical pickup actuator is provided to improve the productivity and reduce the cost by removing a winding machine work to a tracking coil, and improve the sensitivity by reducing a gap between a magnetic substance and the yoke.

CONSTITUTION: An optical pickup actuator includes a yoke(20), a bobbin(12) fixing an objective lens(10); conductive wires(22) extended in a direction orthogonal to a focus direction, and having one end fixed at the bobbin and the other end installed at the yoke to support the bobbin to the yoke; a magnetic substance(18) installed at the yoke; a focus driving element(14) made of a focus driving coil to drive the bobbin in the focus direction to an optical axis direction of the objective lens; and a tracking driving element(100) made of a flexible tracking substrate having tracking coil-shaped patterns to drive the bobbin in a tracking direction orthogonal to the focus direction.

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